

WHAT IS CLAIMED IS:

1 1. A method of performing speech recognition across a network
2 comprising:
3 downloading first recognition information from a remote server to a first
4 computer to recognize a first plurality of words;
5 programming the first computer with the first recognition information to
6 recognize the first plurality of words;
7 receiving at least one of the first plurality of words in the first computer;
8 generating first recognition results in response to receiving said at least one of
9 the first plurality of words;
10 downloading second recognition information from the remote server to the
11 first computer to recognize a second plurality of words, wherein the second recognition
12 information is selected based on the first recognition results; and
13 programming the first computer with the second recognition information to
14 recognize a second plurality of words.

1 2. The method of claim 1 wherein the first computer is connected to the
2 server over an internet.

1 3. The method of claim 2 wherein the first and second recognition
2 information is downloaded from a internet web site.

1 4. The method of claim 1 wherein the first computer is connected to the
2 server over an intranet.

1 5. The method of claim 4 wherein the first and second recognition
2 information is downloaded from a intranet web site.

1 6. The method of claim 1 wherein the first computer is connected to the
2 server over a local network.

1 7. The method of claim 1 wherein the first computer includes a software
2 recognition engine.

1 8. The method of claim 7 wherein the software recognition engine runs in
2 a general purpose microprocessor.

1 9. The method of claim 1 wherein recognition is performed using
2 speaker-independent speech recognition.

1 10. The method of claim 9 wherein the first and second recognition
2 information comprise neural network weights.

1 11. A method of performing speech recognition across a network
2 comprising:
3 providing, from a server to a first computer, sets of data to recognize spoken
4 utterances from corresponding limited sets of candidate utterances; and
5 supplying different sets of said data from the server to the first computer to
6 recognize different spoken utterances from corresponding limited sets of candidate utterances
7 at different times in response to different user interactions.

1 12. The method of claim 11 wherein the first computer is connected to the
2 server over an internet.

1 13. The method of claim 12 wherein the first and second information is
2 downloaded from a internet web site.

1 14. The method of claim 11 wherein the first computer is connected to the
2 server over an intranet.

1 15. The method of claim 14 wherein the first and second information is
2 downloaded from a intranet web site.

1 16. The method of claim 11 wherein the first computer is connected to the
2 server over a local network.

1 17. The method of claim 11 wherein the first computer includes a software
2 recognition engine.

1 18. The method of claim 17 wherein the software recognition engine runs
2 in a general purpose microprocessor.

1 19. The method of claim 11 wherein recognition is performed using
2 speaker-independent speech recognition.

1 20. The method of claim 19 wherein the first and second information
2 comprise neural network weights.

1 21. The method of claim 11 further comprising prompting a user to input a
2 first spoken utterance corresponding to a first limited set of candidate utterances and
3 prompting a user to input a second spoken utterance corresponding to a second limited set of
4 candidate utterances.

1 22. The method of claim 11 wherein said data further includes synthesis
2 data.

1 23. The method of claim 11 wherein said data further includes video data.

1 24. The method of claim 11 wherein recognition is performed using
2 speaker-independent speech recognition.

1 25. The method of claim 24 wherein the first and second information
2 comprise neural network weights.

1 26. A system for performing speech recognition across a network
2 comprising:
3 a server including information to recognize a plurality of spoken utterances;
4 and
5 a first computer including a recognition engine, wherein the first computer is
6 coupled to the server by said network,
7 wherein the server supplies different sets of information to the first computer
8 to recognize different spoken utterances from corresponding limited sets of candidate
9 utterances at different times in response to different user interactions.

1 27. The system of claim 26 wherein the server supplies the first computer
2 with first information for recognizing a spoken utterance from a first limited set of candidate
3 utterances, and the first computer is programmed with the first information to recognize the
4 first limited set of candidate utterances.

1 28. The system of claim 27 wherein the first computer generates first
2 recognition results in response to receiving a spoken utterance from the first limited set of
3 candidate utterances.

1 29. The system of claim 28 wherein the server supplies the first computer
2 with second information for recognizing a spoken utterance from a second limited set of
3 candidate utterances, wherein the second information is selected based on the first
4 recognition results, and the first computer is programmed with the second information to
5 recognize the second limited set of candidate utterances.

1 30. The system of claim 26 wherein the first computer is connected to the
2 server over an internet.

1 31. The system of claim 26 wherein the first computer is connected to the
2 server over an intranet.

1 32. The system of claim 26 wherein the first computer is connected to the
2 server over a local network.

1 33. The system of claim 26 wherein the recognition engine comprises
2 software running in a general purpose microprocessor.

1 34. The system of claim 26 wherein recognition is performed using
2 speaker-independent speech recognition.

1 35. The system of claim 34 wherein the recognition information comprises
2 neural network weights.